

Title (en)

Method of making hydroxy end-terminated linear siloxanes

Title (de)

Verfahren zur Herstellung von linearer Siloxane mit Hydroxylendgruppen

Title (fr)

Procédé de préparation de siloxanes linéaires ayant des groupes terminaux hydroxyles

Publication

EP 1233019 A2 20020821 (EN)

Application

EP 02250872 A 20020208

Priority

US 78568501 A 20010220

Abstract (en)

A process is disclosed for preparing linear hydroxy end-terminated linear siloxanes comprising the steps of; a) mixing chlorosiloxanes having the formula $\text{ClR}_2\text{SiO}(\text{R}'<1>2\text{SiO})_x\text{SiR}'_2\text{Cl}$ where x is an integer having a value from 1 - 10, each R and R'<1> is an independently selected monovalent hydrocarbon group, with volatile methyl siloxanes to form a solution of chlorosiloxanes in volatile methyl siloxanes; b) hydrolyzing the solution of chlorosiloxanes in volatile methyl siloxanes to form a hydrolysis mixture of reaction products; c) separating the hydrolysis mixture of reaction products into an aqueous phase and a siloxane phase comprising hydroxy end-terminated linear siloxanes and volatile methyl siloxanes; and d) recovering the hydroxy end-terminated linear siloxanes from the siloxane phase.

IPC 1-7

C07F 7/08

IPC 8 full level

C07F 7/18 (2006.01); **C07F 7/08** (2006.01)

CPC (source: EP US)

C07F 7/0874 (2013.01 - EP US); **C07F 7/0876** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

US 6316655 B1 20011113; CN 1215072 C 20050817; CN 1371910 A 20021002; DE 60206816 D1 20051201; DE 60206816 T2 20060713; EP 1233019 A2 20020821; EP 1233019 A3 20031217; EP 1233019 B1 20051026; JP 2002308889 A 20021023; JP 4195226 B2 20081210

DOCDB simple family (application)

US 78568501 A 20010220; CN 01142981 A 20011206; DE 60206816 T 20020208; EP 02250872 A 20020208; JP 2002043659 A 20020220